

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/551,566
Source: IFWP
Date Processed by STIC: 2/23/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/551,566

CRF Edit Date: 2/23/07
Edited by: HN

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

✓ Other: Sequence 7- Moved cumulative base total up
one line



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/551,566

DATE: 02/23/2007
TIME: 15:29:11

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\02232007\J551566.raw

3 <110> APPLICANT: AXCAN PHARMA SA
4 INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE
5 MEDICALE (INSERM)
6 SERVIN, Alain
7 CHAUVIERE, Gilles
8 POLTER Marie-Helene
9 LE MOAL Vanessa
11 <120> TITLE OF INVENTION: NEW lactobacillus fermentum STRAIN AND USES THEREOF
13 <130> FILE REFERENCE: D20868
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/551,566
C--> 15 <141> CURRENT FILING DATE: 2005-09-30
15 <160> NUMBER OF SEQ ID NOS: 1
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1500
21 <212> TYPE: DNA
22 <213> ORGANISM: Lactobacillus fermentum
24 <220> FEATURE:
25 <223> OTHER INFORMATION: 16S rDNA
27 <400> SEQUENCE: 1
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29 tgcttgcacc tgattgattt tggtcgccaa cgagtggcg acgggtgagt aacacgtagg 120
30 taacctgccc agaagcgggg gacaacattt ggaaacagat gctaataccg cataacaacg 180
31 ttgttcgcat gaacaacgct taaaagatgg cttctcgcta tcacttctgg atggacctgc 240
32 ggtgcattag cttgttggtg ggttaatggc ctaccaaggc gatgatgcat agccgagttg 300
33 agagactgat cggccacaat gggactgaga cacggcccat actcctacgg gaggcagcag 360
34 taggaaatct tccacaatgg gcgcgaagcct gatggagcaa caccgcgtga gtgaagaagg 420
35 gtttcggctc gtaaaagctct gttgttaaag aagaacacgt atgagagtaa ctgttcatac 480
36 gttgacggta tttaaccaga aagtacggc taactacgtg ccagcagccg cgtaataacg 540
37 taggtggcaa gcgttatccg gatttattgg gcgtaaagag agtgcaggcg gttttctaag 600
38 tctgatgtga aaggcttcgg cttAACCGGA gaagtgcattc ggaaactggta taacttgagt 660
39 gcagaagagg gtagtggAAC tccatgtgtc gcggtggaaat gcgttagatat atggaaagaac 720
40 accagtggcg aaggcggcta cctggctgc aactgacgct gagactcgaa agcatggta 780
41 gcgaacagga ttagataccc tggtagtcca tgccgtaaac gatgagtgct aggtgttgg 840
42 gggttccgc ctttcagtgc cggagctaac gcattaagca ctccgcctgg ggagtgacgac 900
43 cgcaaggttg aaactcaaag gaattgacgg gggcccgac aagcggtggc gcatgtggtt 960
44 taattcgaag ctacgcgaag aaccttacca ggtcttgaca tcttgcgcac accctagaga 1020
45 tagggcgtt cttcgggaa cgcaatgaca ggtggtgcat ggtcgctgc agctcggtc 1080
46 gtgagatgtt gggtaaagtcc cgcaacgcg cgcacccctt gttacttagtt gccagcatta 1140
47 agttgggcac tctagtggaa ctgcccgtga caaacccggag gaaggtgggg acgacgtcag 1200
48 atcatcatgc cccttatgac ctgggctaca cacgtgctac aatggacggt acaacgagtc 1260
49 gcgaactcgc gagggcaagc aaatcttta aaaccgttct cagttcgac tgcaggctgc 1320
50 aactcgccctg cacgaagtcg gaatcgctag taatcgccga tcagcatgcc gcggtaata 1380

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PATENT APPLICATION: US/10/551,566

DATE: 02/23/2007

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02232007\J551566.raw

51 cgttccccggg ccttgtacac accgccccgtc acaccatgag agtttgttaac acccaaagtc 1440
52 ggtggggtaa ccttttagga gccagccgccc taaggtggga cagatgatta gggtgaagtc 1500

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/551,566

DATE: 02/23/2007

TIME: 15:29:12

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02232007\J551566.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing
(for reference only)**



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/551,566

DATE: 02/21/2007
TIME: 14:11:25

Input Set: A:\pto.da.txt
Output Set: N:\CRF4\02212007\J551566.raw

3 <110> APPLICANT: AXCAN PHARMA SA
4 INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE
5 MEDICALE (INSERM)
6 SERVIN, Alain
7 CHAUVIERE, Gilles
8 POLTER Marie-Helene
9 LE MOAL Vanessa
11 <120> TITLE OF INVENTION: NEW lactobacillus fermentum STRAIN AND USES THEREOF
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C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/551,566
C--> 15 <141> CURRENT FILING DATE: 2005-09-30
15 <160> NUMBER OF SEQ ID NOS: 1
17 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1500
21 <212> TYPE: DNA
22 <213> ORGANISM: Lactobacillus fermentum
24 <220> FEATURE:
25 <223> OTHER INFORMATION: 16S rDNA
27 <400> SEQUENCE: 1
28 gaacgcgcgc ggtgtgccta atacatgcaa gtcgaacgcg ttggcccaat tgattgtatgg 60
29 tgcttcgacc tgattgattt tggtcgc当地 cgagtgccgg acgggtgagt aacacgttagg 120
30 taacctgccc agaagcgggg gacaacattt ggaaacagat gctaataccg cataacaacg 180
31 ttgttcgcat gaacaacgct taaaagatgg cttctcgcta tcacttctgg atggacctgc 240
32 ggtgcattag cttgttgggt gggtaatggc ctaccaaggc gatgatgat agccgagttg 300
33 agagactgat cggccacaat gggactgaga cacggcccat actcctacgg gaggcagcag 360
34 taggaaatct tccacaatgg gcgcaaggct gatggagcaa caccgcgtga gtgaagaagg 420
35 gtttcggctc gtaaaagctct gtgtttaaag aagaacacgt atgagagtaa ctgttcatac 480
36 gttgacggta tttaccaga aagtacggc taactacgtg ccagcagccg cggttaatacg 540
37 taggtggcaa gcgttatccg gatttattgg gcgtaaagag agtgcaggcg gttttctaaag 600
38 tctgtatgtga aaggccttcgg cttaaccgga gaagtgcatac ggaaactgga taacttgagt 660
39 gcagaagagg gtatgttggaa tccatgtgtaa gcgttggaaat gcgttagat atgaaagaac 720
E--> 40 accagtggcg aaggcggcta cctggctctgc aactgacgct gagactcgaa agcatgggtat 780 move up 780 840
E--> 41 780gcgaacagga ttatgatacc tggtagtcca tgccgtaaac gatgagtgct aggtgttggaa 900
42 gggttccgc cttcagtgc cggagctaac gcattaagca ctccgcctgg ggagatcagac 960
43 cgcagggtt aaactcaaag gaattgacgg gggccgcac aagcggtgga gcatgtggtt 1020
44 taattcgaag ctacgcgaag aaccttacca ggtcttgaca tcttgcgc当地 acccttagaga 1080
45 tagggcgttt cttcgggaa cgcaatgaca ggtgtgc当地 ggtcgtc当地 agctcgtc当地 1140
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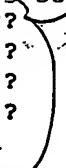
RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/551,566

DATE: 02/21/2007
TIME: 14:11:25

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J551566.raw

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48	atcatcatgc	cccttatgac	ctgggctaca	cacgtgctac	aatggacggt	acaacgagtc	1260
49	gCGaactcgc	gagggcaagc	aaatctctta	aaaccgttct	cagttcggac	tgcaggctgc	1320
50	aactcgccctg	cacgaagtctg	gaatcgctag	taatcgccga	tcagcatgcc	gcggtgaata	1380
51	cgttcccggg	ccttgtacac	accgcccgtc	acaccatgag	agtttgtaac	acccaaagtc	1440
52	gggtgggtaa	ccttttagga	gccagccgccc	taaggtggga	cagatgatta	gggtgaagtc	1500

E--> 54 ??
E--> 56 ??
E--> 58 ??
E--> 60 ??
W--> 65 1



VERIFICATION SUMMARY
PATENT APPLICATION: US/10/551,566

DATE: 02/21/2007
TIME: 14:11:26

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02212007\J551566.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:40 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:780 SEQ:1
L:41 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3
L:54 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:56 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:56 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:58 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:58 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:60 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:60 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:65 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1